

What is claimed is:

1. A combination of an aircraft and spraying apparatus for spraying suspensions/solutions having predetermined characteristics independent of the speed of the aircraft carrying out the spraying, said apparatus comprising:

a mounting frame being attached to the underside of said aircraft, said frame having a plurality of bearing braces, said bearing braces being reinforced with a plurality of brackets affixed downwardly from said frame,

a propeller shaft mounted through said bearing braces, said propeller shaft having a forward end and an aft end,

a full feathering propeller being mounted on said forward end of said propeller shaft, said propeller having a control cable attached thereto, said cable extending to the cockpit of said aircraft and being controlled by an operator in said aircraft,

a rotary piston type high pressure pump being mounted on said aft end of said propeller shaft, the input side of said pump being connected to a tank mounted in the interior of said aircraft,

a spray boom having a forward end and an aft end, said spray boom forward end being attached to said mounting frame, and being connected to the output side of said rotary piston type pump, and

a plurality of spray nozzles being attached to said aft end of said spray boom.

2. A combination of an aircraft and spraying apparatus according to claim 1 wherein said spray nozzles consist of high pressure impingement nozzles.

3. A combination of an aircraft and spraying apparatus according to claim 2 wherein said spray nozzles consist of BETE PJ-12 impingement nozzles.